

## **ABSTRACT**

**[0057]** A normal system 100 for sterilizing, transporting and preparing radioactive seed strands for use in brachytherapy is provided. The system 100 is lightweight and can carry a plurality of seed strands and strand of spacer material, and can be sterilized by Ethylene Oxide Gas. Radioactive seed strands remain shielded from the user until the user is ready to retrieve each individual seed strand for measuring and cutting on an integrated cutting board.